

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL
Conditional Major, Operating
Permit: F-08-009
Polymer Partners, LLC
Henderson, KY 42420
May 16, 2008
Durga Patil, Reviewer

SOURCE ID:	21-101-00125
AGENCY INTEREST:	1831
ACTIVITY:	APE20080001

SOURCE DESCRIPTION:

Polymer Partners (previously named Clariant) located at 1450 Commonwealth Drive, Henderson, Kentucky, manufactures black plastic color concentrates through a process of compounding various polymer resins with carbon black, calcium carbonate and/or other filler materials. Physical processes taking place include pneumatically feeding raw materials from silos and dump stations equipped to handle super sacks of carbon black and plastic resins into hoppers on the compounding lines. Thermal processes include the heating of the polymer resin and additives to product specific temperatures and mixing in the compounding line. The finished product is fed to a pelletizer and dewatering system.

The source is currently classified as conditional major. The source has applied for permit renewal for conditional major status under 401 KAR 52:030, federally enforceable permits. Polymer Partners has applied for a renewal of its conditional major revised permit (F-03-012 R1) issued in March 2007.

PUBLIC AND U.S. EPA REVIEW:

On March 21, 2008, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *Henderson Gleaner* in Henderson, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA on March 19, 2008 via e-mail. The public comment period expired 30 days from the date of publication.

A comment was received from Polymer Partners on April 21, 2008. Attachment B lists the comment received, the Division's response to the comment, and an explanation of the change made to the Section **B.5** Specific Recordkeeping Requirement.